The Listing of Claims will replace all prior versions and listings of claims in the present patent application:

Listing of Claims

1. (Canceled)

2. (Previously Amended) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size, wherein said maximum segment size is negotiated between a transmitter and a receiver;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from said receiver.

3. (Canceled)

4. (Previously Amended) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

means for negotiating a maximum segment size with a receiver;

a memory for storing the maximum segment size;

a queue for storing data frames, said data frames representing time-sensitive information; and

a first processor for generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment

size; and generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from said receiver.

5. (Original) The apparatus of claim 4, further comprising a vocoder for generating data frames from said time-sensitive information.

6-11 (Canceled)

12. (Previously Amended) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver.

13. (Previously Amended) A computer-readable medium embodying means for implementing a method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, the method comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver.

14. (Previously Amended) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

means for defining a minimum segment size for information to be transmitted;

means for defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

means for generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

means for generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver.